

**AMENDMENTS TO THE CLAIMS:**

1. (Previously Presented) An aircraft data transmission system comprising:
  - (a) means for monitoring and collecting aircraft data;
  - (b) means for formatting the data or a portion of the data as a binary or text file;
  - (c) means for incorporating the binary or text file into an email message;
  - (d) means for transmitting the email; and
  - (e) communication means for carrying the email transmission to a ground station.
2. (Original) The system of claim 1 further comprising a GPS receiver.
3. (Original) The system of claim 2 wherein the communication means comprises a satellite modem and transceiver.
4. (Original) The system of claim 1 wherein the means for monitoring and collecting aircraft data comprises at least one aircraft databus interface.
5. (Original) The system of claim 4 wherein the means for monitoring and collecting aircraft data further comprises at least one discrete input interface.
6. (Original) The system of claim 1 wherein the binary or text file comprises a summary of the aircraft data or a portion of the aircraft data.
7. (Original) The system of claim 6 wherein the means for formatting the data or a portion of the data as a binary or text file comprises means for encrypting the binary or text file.
8. (Original) The system of claim 1 wherein the means for monitoring and collecting data comprises random access memory and a removeable non-volatile memory.

9. (Previously Presented) The system of claim 8 wherein the removeable non-volatile memory comprises a solid-state memory card.

10. (Original) The system of claim 1 further comprising a rules database comprising a plurality of aircraft data conditions and related actions, means for monitoring aircraft data and comparing aircraft data to the rules database.

11-16 (Cancelled)

17-20. (Previously Cancelled)

21-24 (Cancelled)